

Claims

1. A multipole unit for a color picture tube comprising:

a support tube, a retaining ring and at least one magnetic ring,

5 wherein said at least one magnetic ring being attachable to the support tube, and a spring element is provided between the retaining ring and a stop on the outer circumference of the support tube, said spring element acts in axial direction and is integrated in the stop or the retaining ring.

2. A multipole unit according to claim 1, wherein the spring element comprises at least one spring leg which is formed by an opening in the material of the retaining ring or the stop and which is provided with an axial extension or a portion of axially bent material at the free end thereof.

3. A multipole unit according to claim 1, wherein the spring element comprises at least one spring leg which is provided in outwardly protruding projections of the retaining ring and which is arranged radially.

4. A multipole unit according to claim 2, wherein each spring leg of the spring element is provided in outwardly protruding projections of the retaining ring and is arranged radially.

5. A multipole unit according to claim 1, wherein the spring element comprises at least two, preferably four spring legs which are uniformly distributed over the circumference.

6. A multipole unit according to claim 2, wherein the spring element comprises at least two, preferably four spring legs which are uniformly distributed over the circumference.

7. A multipole unit according to claim 1, wherein the support tube has a thread provided thereon, said thread being engaged by the retaining ring which is implemented as a threaded ring.

8. A color picture tube provided with a multipole unit according to claim 1.
9. A color television set or a color monitor with a color picture tube according to claim 8.

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